



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.
Substitute file number 2449 A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number : 09/998,733

Filing Date: November 30, 2001

First Named Inventor: Istvan

Group Art Unit: 3762

Examiner Name: n/a

Attorney Docket Number: 05123.00004

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| DXG | | US-5238001 | 08/24/1993 | Gallant, et al. | |
| | | US-5042498 | 08/27/1991 | Dukes | |
| | | US-5755230 | 05/26/1998 | Schmidt, et al. | |
| | | US-5970105 | 10/19/1999 | Dacus | |
| | | US-5954719 | 09/21/1999 | Chen, et al. | |
| | | US-5628324 | 05/13/1997 | Sarbach | |
| | | US-5549113 | 08/27/1998 | Halleck, et al. | |
| | | US-5524637 | 08/11/1998 | Erickson | |
| | | US-5458122 | 10/17/1995 | Hethuin | |
| | | US-5309920 | 05/10/1994 | Gallant, et al. | |
| | | US-5226431 | 07/13/1993 | Bible, et al. | |
| | | US-5212476 | 05/18/1993 | Maloney | |
| | | US-5205294 | 04/27/1993 | Flach, et al. | |
| | | US-5036869 | 08/06/1991 | Inahara | |
| | | US-5544649 | 08/13/1998 | David, et al. | |
| | | US-4880759 | 08/29/1989 | Kahn, et al. | |
| | | US-4803625 | 02/07/1989 | Fu, et al. | |
| | | US-3986498 | 10/19/1978 | Lewis | |
| | | US-5168874 | 12/08/1992 | Segalowitz | |
| | | US-4321933 | 03/30/1982 | Baessler | |

RECEIVED
APR 11 2002
PTO

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|--|
| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | |
| DXG | | WO 97/49077 | 12/24/1997 | Kuusela | |
| | | WO 87/06113 | 10/22/1987 | Huneau | |
| | | EP 0212278 | 03/04/1987 | Policastro | |
| | | EP 0354251 | 02/14/1990 | Kaiser | |
| | | WO 95/07048 | 03/16/1995 | Besson | |
| | | EP 0719108 | 07/03/1996 | Besson | |
| | | DT 1805444 | 05/14/1970 | Elektronik | |
| | | DE 4034019 | 07/09/1992 | Bollerott | |
| | | DE 3732714 | 04/24/1989 | Barzel | |

| | | | |
|--------------------|-----------------------|-----------------|---------|
| Examiner Signature | <i>Diana D. Meene</i> | Date Considered | 5-12-05 |
|--------------------|-----------------------|-----------------|---------|

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

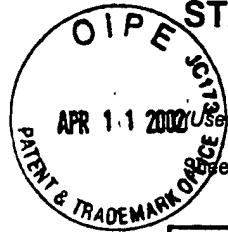
² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Best Available Copy

Substitute for form 1449 A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number: 09/998,733

Filing Date: November 30, 2001

First Named Inventor: Istvan

Group Art Unit: 3762

Examiner Name: n/a

Attorney Docket Number: 05123.00004

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|---------------------|-----------------------|---|----------------|
| DDG | | KIMMICH, H.P., "Clinical Telemetry and Patient Monitoring", <i>Biotelemetry II: Proceedings of the Second International Symposium on Biotelemetry</i> , 1974, pp. 190-195, Switzerland | • |
| | | ZERZAWY, R., "Simultaneous Wireless Telemetry for Several Biologic Measurements. Technics and Application of a New 4-Channel Telemetry", periodical - <i>Z Kreislaufforsch</i> , February 1971, pp 162-169, volume 60 part 2 | • |
| | | RETZKE, F., "Experiences with a Mobile Monitoring System for Fetal and Neonatal Cardiotachometry", periodical - <i>Zentralbl Gynakol</i> , 1984, pp 545-549, volume 108. | • |
| | | VAN RIJN, A.C.M., "Modelling of Biopotential Recordings and It's Implications for Instrumentation Design", doctoral thesis - available from the National Technical Information Service, Springfield, VA., November 8, 1993, 153 pages. | • |
| | | NIITANI, H., "Telemetry with Special Reference to Wireless Transmission of Electrocardiogram", periodical - <i>Nippon Rinsho</i> , December 1969, pp 2873-2882, volume 27 part 12. | • |
| | | KIMMICH, H.P., "Biotelemetry in Anesthesia and Intensive Care", periodical - <i>Anesth Analg (Paris)</i> , 1979, pp 383-387, volume 38 part 9-10. | • |
| | | HENNE, B., "Comparison Between Wilson's Thoracic Leads and the Telemetrically Transmitted Lead CM6 in Patients with Heart Diseases During Exertion", periodical - <i>Z Kardiol</i> , March 1975, pp 274-280, volume 64 part 3. | • |
| | | BAUMGARTEN, K., "Wireless Transmission of the Fetal Electrocardiogram and Fetal Heart Beat During Pregnancy and Labor", periodical - <i>Arch Gynakol</i> , 1967, pp 267-268, volume 204 part 2. | • |
| | | MULLER, S., "Multifrequency Selective RF Pulses for Multislice MR Imaging", periodical - <i>Magnetic Resonancy in Medicine</i> , 1988, pp 364-372, volume 6 part 3. | • |
| | | HARLOW, H.J., "Adrenal Responsiveness in Domestic Sheep (<i>Ovis aries</i>) to Acute and Chronic Stressors as Predicted by Remote Monitoring of Cardiac Frequency", periodical - <i>Canadian Journal of Zoology</i> , 1987, pp 2021-2027, volume 65 part 8 | • |
| | | SPRAGGINS, T.A., "Wireless Retrospective Gating: Application to Cine Cardiac Imaging", periodical - <i>Magnetic Resonance Imaging</i> , 1990, pp 675-681, volume 8 part 6. | • |

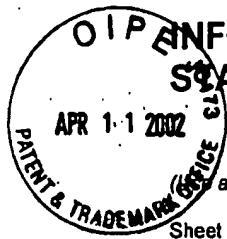
| | | | |
|--------------------|-----------------------|-----------------|---------|
| Examiner Signature | <i>Diana D. Moene</i> | Date Considered | 5-12-05 |
|--------------------|-----------------------|-----------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED
MAY 15 2002
U.S. PATENT AND TRADEMARK OFFICE



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(as many sheets as necessary)

Sheet 3 of 1

Application Number : 09/998,733

Filing Date: November 30, 2001

First Named Inventor: Istvan

Group Art Unit: 3762

Examiner Name: n/a

Attorney Docket Number: 05123.00004

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| DDG | | US- 5113869 | 05/19/1992 | Nappholz, et al. | |
| | | US- 4585004 | 04/29/1988 | Brownlee | |
| | | US- 5181519 | 01/26/1993 | Bible | |
| | | US- 4586508 | 05/08/1988 | Batina, et al. | |
| | | US- 5131399 | 07/21/1992 | Sciarrà | |
| | | US- 4150284 | 04/17/1979 | Trenkler, et al. | 1C |
| | | US- 4583549 | 04/22/1988 | Manoli | 6C |
| | | US- 2958781 | 11/01/1980 | Marchal, et al. | 1C |
| | | US- 3774594 | 11/27/1973 | Huszar | 1C |
| | | US- 4186749 | 02/05/1980 | Fryer | 1C |
| | | US- 4441498 | 04/10/1984 | Nordling | 15 |
| | | US- 4281664 | 08/04/1981 | Duggan | 21 |
| | | US- 4237900 | 12/09/1980 | Schulman, et al. | 1C |
| | | US- 4471788 | 09/18/1984 | Inagaki, et al. | 1C |
| | | US- 4558063 | 12/03/1985 | Thompson, et al. | 1C |
| | | US- 4562840 | 01/07/1986 | Batina, et al. | |
| | | US- 4709704 | 12/01/1987 | Lukasiewicz | |
| | | US- 4556061 | 12/03/1985 | Barrera, et al. | |
| | | US- RE32361 | 02/24/1987 | Duggan | |
| | | US- 5400794 | 03/28/1995 | Gorman | |

| | | | |
|-----------------------|----------------|--------------------|---------|
| Examiner Signature | James J. Meane | Date Considered | 5-12-05 |
|-----------------------|----------------|--------------------|---------|

****EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.***

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04.

Applicant's unique citation designation number (optional). See RISAC Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.34.
Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of
the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the
document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for FORM 1449 A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 4 of 7

Application Number: 09/998,733

Filing Date: November 30, 2001

First Named Inventor: Istvan

Group Art Unit: 3762

Examiner Name: n/a

Attorney Docket Number: 05123.00004

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
|--|-----------------------|---|---|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| DDG | | WHITE, R.D., "Electrocardiograph - Independent, "Wireless" Cardiovascular Cine MR Imaging", periodical - Magnetic Resonance Imaging, May-June 1991, pp 347-355, volume 1 part 3. | |
| | | WATKINSON, W.P., "Improved technique for Monitoring Electrocardiograms During Exposure to Radio-Frequency Radiation", periodical - AM J Physiological Society, 1986, pp H320-324, volume 250 part 2. | |
| | | ANNOVAZZI-LODI, VALERIO, "Optoelectronic Telemetry of Electrophysiological Signals", periodical - Proceedings of SPIE, 1990, pp 113-119, volume 1355. | |
| | | SCHULZE, H.J., "The Telemetric Emergency Electrocardiography - Practical Use and Methodologic Effectiveness", periodical - Z Gesamte Inn Med, December 15, 1986, pp 685-689, volume 41 part 24. | |
| | | JONES, J.W., "Remote Monitoring of Free Flaps with Telephonic Transmission of Photoplethysmograph Waveforms", periodical - Journal of Reconstructive Microsurgery, April 1989, pp 141-144, volume 5 part 2. | |
| | | BASHEIN, G., "Anesthesia and Remote Monitoring for Intraoperative Radiation Therapy", periodical - Anesthesiology, June 1986, pp 804-807, volume 64 part 6. | |
| | | ATHAN, STEPHAN, "Benefits of Spread Spectrum Technology in Present and Future Health Care Applications", conference - 15 th Annual International Conference IEEE Eng in Med & bio Soc, San Diego, CA, 1993, pp 1045-1048, volume 15 part 2. | |
| | | HANLEY, J., "Telemetry in Health Care", periodical - Biomedical Engineering, August 1976, pp 269-272, volume 11 part 8. | |
| | | | RECEIVED CIVIL 15 JUL 1 2005 U.S. PATENT & TRADEMARK OFFICE |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|----------------|-----------------|-------------|
| Examiner Signature | Anna D. Greene | Date Considered | 5 - 12 - 05 |
|--------------------|----------------|-----------------|-------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

+ Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

Sheet 5 of 7

APR 11 2002

Application Number : 09/998,733

Filing Date: November 30, 2001

First Named Inventor: Istvan

Group Art Unit: 3762

Examiner Name: n/a

Attorney Docket Number: 05123.00004

| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|------------|--|------------------|---|
| Examiner Initials * | Cite No. * | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document |
| | | Number - Kind Code ² (if known) | MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| DDG | | US- 5012411 | 04/30/1991 | Policastro, et al. |
| 1 | | US- 5307818 | 05/03/1994 | Segalowitz |
| | | US- 5862803 | 01/26/1999 | Besson, et al. |
| | | US- 5748103 | 05/05/1998 | Flach et al. |
| | | US- 3943918 | 03/18/1976 | Lewis |
| | | US- 4260951 | 04/07/1981 | Lewyn |
| | | US- 4121573 | 10/24/1978 | Crovello, et al. |
| | | US- 4141351 | 02/27/1979 | James, et al. |
| | | US- 4681118 | 07/21/1987 | Asai, et al. |
| | | US- 4747413 | 05/31/1988 | Bloch |
| | | US- 4791933 | 12/20/1988 | Asai, et al. |
| | | US- 4974607 | 12/04/1990 | Miwa |
| | | US- 4981141 | 01/01/1991 | Segalowitz |
| | | US- 5109845 | 05/05/1992 | Yuuchi, et al. |
| | | US- 5153584 | 10/06/1992 | Engira |
| | | US- 5212476 | 05/18/1993 | Maloney |
| | | US- 5339824 | 08/23/1994 | Engira |
| | | US- 5394882 | 03/07/1995 | Mawhinney |
| | | US- 5458124 | 10/17/1995 | Stanko, et al. |
| | | US- 5899931 | 05/04/1999 | Deschamp, et al. |

| | | | |
|--------------------|---------------|-----------------|---------|
| Examiner Signature | Anna M. Moore | Date Considered | 5-12-05 |
|--------------------|---------------|-----------------|---------|

****EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.***

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/998,733

Filing Date: November 30, 2001

First Named Inventor: Istvan

Group Art Unit: 3762

Examiner Name: n/a

Attorney Docket Number: 05123.00004

~~Use as many sheets as necessary)~~

Start 10 of 1

Street 10 of 1



U.S. PATENT DOCUMENTS

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| DG | | US-5464021 | 11/07/1995 | Birnbaum | |
| | | US-5491474 | 02/13/1998 | Suni, et al. | |
| | | US-5511553 | 04/30/1998 | Segalowitz | |
| | | US-5522398 | 08/04/1998 | Langer, et al. | |
| | | US-5544681 | 08/13/1998 | Davis, et al. | |
| | | US-5579781 | 12/03/1998 | Cooke | |
| | | US-5634468 | 08/03/1997 | Platt, et al. | |
| | | US-5678562 | 10/21/1997 | Sellers | |
| | | US-5690119 | 11/25/1997 | Rytky, et al. | C |
| | | US-5694940 | 12/09/1997 | Unger, et al. | C |
| | | US-5704351 | 01/08/1998 | Mortara, et al. | C |
| | | US-5718234 | 02/17/1998 | Warden, et al. | C |
| | | US-5720771 | 02/24/1998 | Snell | 15 |
| | | US-5759199 | 06/02/1998 | Snell, et al. | 11 |
| | | US-5767791 | 06/16/1998 | Stoop, et al. | 10 |
| | | US-5820567 | 10/13/1998 | Mackie | 10 |
| | | US-5865733 | 02/02/1999 | Malinouskas, et al. | 12 |
| | | US-5882300 | 03/16/1999 | Malinouskas, et al. | |
| | | US-5899928 | 05/04/1999 | Sholder, et al. | |
| | | US-6083248 | 07/04/2000 | Thompson | |

RECEIVED
10-15-1967
FBI - BIRMINGHAM
100-100000

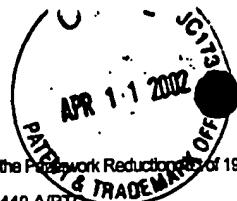
FOREIGN PATENT DOCUMENTS

| | | | |
|--------------------|----------------|-----------------|---------|
| Examiner Signature | Dana, D. Moore | Date Considered | 5-12-05 |
|--------------------|----------------|-----------------|---------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449 A/PTC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/998,733

Filing Date: November 30, 2001

Priority Date: November 3, 1998

First Name: **John**

Examiner Name: n/a

Attorney Docket Number: 05123.00004

(Use as many sheets as necessary)

Sheet 7 of 7

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of

Entitled to issue the document, by the two-letter code (WIPO Standard ST. 1). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office.

05/28/04

GP-3762
Jew

PTO/SB/21 (02-04)
 Approved for use through 07/31/2006. OMB 0651-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|--|------------------------|-------------------|
| | | Application Number | 09/998,733 |
| | | Filing Date | November 30, 2001 |
| | | First Named Inventor | Rud Istvan |
| | | Art Unit | 3762 |
| | | Examiner Name | tbd |
| Total Number of Pages in This Submission | | Attorney Docket Number | 005123.00004 |

ENCLOSURES (check all that apply)

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <small>(please identify below):</small> IDS form PTO/SB/08A Return Receipt Postcard Copies of four cited foreign documents |
|--|--|---|

Remarks

Express Mail No. EV306396415US

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|----------------|
| Firm or Individual name | Jason S. Shull |
| Signature | |
| Date | May 27, 2004 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | |
|-----------------------|--|------|
| Typed or printed name | | |
| Signature | | Date |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|--|------------------------|-------------------|
| | | Application Number | 09/998,733 |
| | | Filing Date | November 30, 2001 |
| | | First Named Inventor | Rud Istvan |
| | | Art Unit | 3762 |
| | | Examiner Name | tbd |
| Total Number of Pages in This Submission | | Attorney Docket Number | 005123.00004 |

ENCLOSURES (check all that apply)

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <small>(please identify below):</small> IDS form PTO/SB/08A Return Receipt Postcard Copies of four cited foreign documents |
| Remarks | | |
| Express Mail No. EV306396415US | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|----------------|
| Firm or Individual name | Jason S. Shull |
| Signature | |
| Date | May 27, 2004 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | |
|-----------------------|--|------|
| Typed or printed name | | |
| Signature | | Date |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

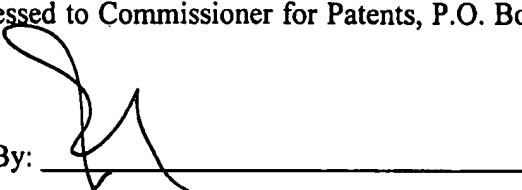


CERTIFICATE OF MAILING (PATENT APPLICATION)

Express Mail No. EV 306396415 US

Deposited: May 27, 2004

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

By: 

In the Application of: Rud Istvan, et al.

Serial Number: 09/998,733

Filing Date: November 30, 2001

Title: Wireless ECG System

Transmitted herewith are the following documents:

- Information Disclosure Statement
- Form PTO/SB08/A with copies of four foreign cited references
- Transmittal letter
- Fee Transmittal (in duplicate)
- Return Postcard

Attorney Case No.: 005123.00004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEET TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 09/988,733 |
| Filing Date | November 30, 2001 |
| First Named Inventor | Istvan |
| Examiner Name | tba |
| Art Unit | 3762 |
| Attorney Docket No. | 005123.00004 |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
Order
 Deposit Account:Deposit
Account
Number

19-0733

Deposit
Account
Name

Banner & Witcoff, LTD.

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1)

(\$ 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| | | | 0 | X | 0 |
| | | | 0 | X | 0 |
| | | | | X | 0 |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--|---------------|--|----------|
| Fee Code | Fee Code (\$) | Fee Description | |
| 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 130 Non-English specification | |
| 1812 | 2,520 | 1812 2,520 For filing a request for reexamination | |
| 1804 | 920* | 1804 920* Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 1,840* Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 55 Extension for reply within first month | |
| 1252 | 420 | 2252 210 Extension for reply within second month | |
| 1253 | 950 | 2253 475 Extension for reply within third month | |
| 1254 | 1,480 | 2254 740 Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 1,005 Extension for reply within fifth month | |
| 1401 | 330 | 2401 165 Notice of Appeal | |
| 1402 | 330 | 2402 165 Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 145 Request for oral hearing | |
| 1451 | 1,510 | 1451 1,510 Petition to Institute a public use proceeding | |
| 1452 | 110 | 2452 55 Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 665 Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 665 Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 240 Design issue fee | |
| 1503 | 640 | 2503 320 Plant issue fee | |
| 1460 | 130 | 1460 130 Petitions to the Commissioner | |
| 1807 | 50 | 1807 50 Processing fee under 37 CFR 1.17 (q) | |
| 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 770 | 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 770 | 2801 385 Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 900 Request for expedited examination of a design application | |
| Other fee (specify) <u>Supplemental Information Disclosure Statement</u> | | | |
| *Reduced by Basic Filing Fee Paid | | | |
| SUBTOTAL (3) (\$ 180 | | | |

*or number previously paid, if greater. For Reissues, see above

SUBMITTED BY

| | | | | | |
|-------------------|---|--------------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Jason S. Shull | Registration No. (Attorney/Agent) | 47,085 | Telephone | 312/463-5000 |
| Signature |  | | | Date | May 27, 2004 |

Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Our Case No. 005123.00004)

In the Application of:)
Rud Istvan)
Serial No.: 09/998,733) Art Unit No.: 3762
Filed: November 30, 2001) Examiner: TBD
Title: WIRELESS ECG SYSTEM)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97-1.98, applicants wish to make the following references of record in the above-identified application. These references may be material to the patentability of the presently pending claims.

The Commissioner is hereby authorized to charge the fee to Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

06/01/2004 CNGUYEN 00000098 190733 09998733
01 FC:1806 180.00 DA

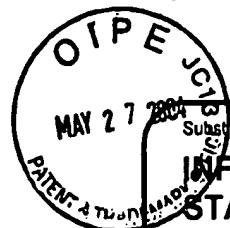
By:

Jason S. Shull

5/27/04

Ten South Wacker Drive
Suite 3000
Chicago, Illinois 60606-7407
(312) 463-5000

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

| | | | | | |
|-------|--|----|--|------------------------|-------------|
| Sheet | | of | | Attorney Docket Number | 05123.00004 |
|-------|--|----|--|------------------------|-------------|

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| DDG | | US- 4,539,995 | 9/10/1985 | Segawa | |
| | | US- 4,583,549 | 4/22/1988 | Manoli | |
| | | US- 4,852,572 | 8/1/1989 | Nakahashi, et al. | |
| | | US- 4,981,141 | 1/1/1991 | Segalowitz | |
| | | US- 4,909,260 | 3/20/1990 | Salem, et al. | |
| | | US- 4,957,109 | 9/18/1990 | Groeger, et al. | |
| | | US- 5,191,888 | 3/9/1993 | Paeth, et al. | |
| | | US- 5,341,808 | 8/30/1994 | Gadsby, et al. | |
| | | US- 5,353,793 | 10/11/1994 | Born | |
| | | US-5,511,553 | 4/30/1998 | Segalowitz | |
| | | US- 5,628,328 | 5/13/1997 | Arand, et al. | |
| | | US- 5,634,468 | 6/3/1997 | Platt, et al. | |
| | | US- 5,669,391 | 9/23/1997 | Williams | |
| | | US- 5,938,597 | 8/17/1999 | Stratbucker | |
| | | US- 6,076,003 | 6/13/2000 | Rogel | |
| | | US- 6,157,851 | 12/5/2000 | Kelly, et al. | |
| | | US- 6,219,568 B1 | 4/17/2001 | Kelly, et al. | |
| | | US- 6,219,569 B1 | 4/17/2001 | Kelly, et al. | |
| | | US- 6,408,200 B1 | 6/18/2002 | Takashina | |
| | | US- 6,415,169 B1 | 7/2/2002 | Komrumpf, et al. | |
| | | US- 6,453,188 B1 | 8/17/2002 | Lovejoy, et al. | |
| | | US- 6,580,473 B2 | 5/6/2003 | Dominguez | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|---|--|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| DDG | | WO9516388 | 6/22/1995 | Merchant | | |
| | | EPO 880 936 A2 | 12/2/1998 | Koji, et al. | | |
| | | WO0062667 | 10/26/2000 | Haines, et al. | | |
| | | WO9401039 | 1/20/1994 | Segalowitz | | |

| | | | |
|--------------------|---------------|-----------------|---------|
| Examiner Signature | Dana A. Meane | Date Considered | 5-12-05 |
|--------------------|---------------|-----------------|---------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of

Complete If Known

| | |
|----------------------|-------------------|
| Application Number | 09/998,733 |
| Filing Date | November 30, 2001 |
| First Named Inventor | Rud Istvan |
| Art Unit | 3762 |
| Examiner Name | |

Attorney Docket Number 005123.00004

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---------------------|-----------------------|--|--------------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| SACT | | US- 4,494,552 | 1/22/1985 | Heath | |
| | | US- 5,238,001 | 8/24/1993 | Gallant, et al. | |
| | | US- 5,309,820 | 5/10/1994 | Gallant, et al. | |
| | | US- 5,319,363 | 8/7/1994 | Welch, et al. | |
| | | US- 5,327,888 | 7/12/1994 | Imran | |
| | | US- 5,343,870 | 9/6/1994 | Gallant, et al. | |
| | | US- 5,568,814 | 10/29/1996 | Gallant, et al. | |
| | | US- 5,575,284 | 11/19/1996 | Athan, et al. | |
| | | US- 5,586,552 | 12/24/1996 | Sakai | |
| | | US- 5,645,059 | 7/8/1997 | Fein, et al. | |
| | | US- 5,782,238 | 7/21/1998 | Beitler | |
| | | US- 5,865,741 | 2/2/1999 | Kelly, et al. | |
| | | US- 5,873,821 | 2/23/1999 | Chance, et al. | |
| | | US- 5,916,159 | 6/29/1999 | Kelly, et al. | |
| | | US- 5,919,141 | 7/6/1999 | Money, et al. | |
| | | US- 6,055,448 | 4/25/2000 | Anderson, et al. | |
| | | US- 6,443,890 B1 | 9/3/2002 | Schulze, et al. | |
| | | US- 6,454,708 B1 | 9/24/2002 | Ferguson, et al. | |
| | | US- 6,470,893 B1 | 10/29/2002 | Boesen | |
| | | US- 6,544,173 B2 | 4/8/2003 | West, et al. | |
| | | US- 6,544,174 B2 | 4/8/2003 | West, et al. | |
| | | US- 6,602,191 B2 | 8/5/2003 | Quy | |
| | | US- 6,616,608 B1 | 9/9/2003 | Petersen, et al. | |
| | | US- 6,654,631 B1 | 11/25/2003 | Sahal | |
| | | US- 6,694,180 B1 | 2/17/2004 | Boesen | |

Dana W. Greene

5-12-05

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT OR DRAWING

BLURRED OR ILLEGIBLE TEXT OR DRAWING

SKEWED/SLANTED IMAGES

COLOR OR BLACK AND WHITE PHOTOGRAPHS

GRAY SCALE DOCUMENTS

LINES OR MARKS ON ORIGINAL DOCUMENT

REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.